



520

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of

TAKAHASHI et al.

Application Number: 10/849,516

Filed: May 20, 2004

For: MAGNETIC SENSOR AND MAGNETIC HEAD WITH
THE MAGNETIC SENSOR

ATTORNEY DOCKET NO. HIRA.0149

)
)
)
)
) Art Unit 2627
)
)
)
) Examiner
) MILLER, BRIAN E.
)
)
)

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

COVER LETTER

Sir:

[x] The fee for submission of claims is calculated as shown below:

FOR	TOTAL WITH NEW CLAIMS ADDED	TOTAL CURRENTLY ON FILE	CLAIMS ALREADY PAID	RATE	CALCULATION
Total Claims	16	16	(Over 20)	x \$50	0
Independent Claims	4	4	¹ (Over 3)	x \$200	0
MULTIPLE DEPENDENT CLAIM(S)				+ \$360	0
REDUCTION FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28).				x ½	
				TOTAL	0

In addition, the below-identified communications are submitted in the above-captioned application or proceeding:

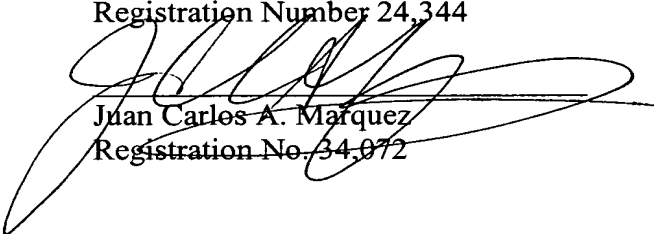
[x] Response to Office Action
(with Claim Election)
[] Substitute Specification
[] Preliminary Amendment
[] Information Disclosure Statement

[] Petition for Extension of Time (month)
[] Terminal Disclaimer
[] Letter to Draftsperson
[] Assignment
[] Other _____

- [] Please charge my **Deposit Account Number** _____ in the amount of _____ to cover the fees for _____. A duplicate copy of this paper is enclosed.
- [] A check in the amount of \$ _____ to cover the fee is enclosed.
- [x] The Commissioner is hereby authorized to charge any additional fees associated with this communication, including fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

Stanley P. Fisher
Registration Number 24,344


Juan Carlos A. Marquez
Registration No. 34,972

REED SMITH LLP
3110 Fairview Park Drive
Suite 1400
Falls Church, Virginia 22042
(703) 641-4200
December 1, 2006



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of

TAKAHASHI et al.

Application Number: 10/849,516

Filed: May 20, 2004

**For: MAGNETIC SENSOR AND MAGNETIC HEAD WITH
THE MAGNETIC SENSOR**

ATTORNEY DOCKET NO. HIRA.0149

Art Unit 2627

**Examiner
MILLER, BRIAN E.**

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

This is in response to the Office Action mailed on November 14, 2006, the period of response to which is set to expire on December 14, 2006. Applicants hereby elect the continued prosecution of the invention identified as Species II, which is directed to a magnetic sensor having a voltage change film which converts the signal of voltage changing to a change in electrical resistance and amplifies the signal intensity of the change in electrical resistance, and recited in corresponding claims 2, 4, 6, 8, 10, 12, 14 and 16, without traverse.